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NOTICE OF ALLOWANCE AND FEE(S) DUE

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07/11/2003

FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112 EXAMINER

ESPLIN, DAVID B

ART UNIT CLASS-SUBCLASS

2851 355-0300000

DATE MAILED: 07/11/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/818.625	03/28/2001	Shinichi Hara	862.C2167	1693

TITLE OF INVENTION: EXPOSURE APPARATUS, GAS REPLACEMENT METHOD, SEMICONDUCTOR DEVICE MANUFACTURING METHOD, SEMICONDUCTOR MANUFACTURING FACTORY AND EXPOSURE APPARATUS MAINTENANCE METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$300	\$1600	10/14/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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<u>Fax</u> (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as

APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DIOCKET NO CONFIRMATION NO 9838.625 03.728.2001 Significant lara 862.C2167 1693 ITTLE OF INVENTION: EXPONUER APPARATUS. GAS REPLACEMENT METHOD. SEMICONDUCTOR DEVICE MANUFACTURING METHOD. SEMICONDUCTOR MANUFACTURING FACTORY AND EXPOSURE APPARATUS MAINTENANCE METHOD APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FER TOTAL FELIS) DUE DATE DUE TOTAL FELIS) DUE DATE DUE EXAMINER ART UNIT CLASS-SUBCLASS ESPLIN, DAVID B 2851 355-300000 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 1. Change of correspondence address or indication of "Fee Address" (37) 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents (11) and the names of up to 2 registered patent attorneys or agents (17) and the names of up to 3 registered patent attorneys or agent address or agen	indicated unless corrected be maintenance fee notifications	elow or directed otherwiss.	se in Block 1, by (a) sp	ecifying a new co	orrespondence add	lress; and/or (b) indicating a sepa	arate "FEE ADDRESS" for
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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent) J individual J corporation or other private group entity J govern data. The following fee(s) are enclosed: J Say Fee J A check in the amount of the fee(s) is enclosed. J Payment by credit card. Form PTO-2038 is attached. J The Commissioner is hereby authorized by charge the required fee(s), or credit any overpaymen Deposit Account Number (enclose an extra copy of this form). Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to	☐ "Fee Address" indication PTO/SB/47; Rev 03-02 o	on (or "Fee Address" Indic		attorney or age registered pater	ent) and the nam t attorneys or age	nes of up to 2 2	
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NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1 311. The information is required to	☐ Advance Order - # of Co	pies	The Depos	Commissioner is it Account Numbe	hereby authorized r	by charge the required fee(s), or ceed the concluse an extra copy of this	credit any overpayment, to form).
NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. This collection of information is required by 37 CFR 1.311. The information is required to	Commissioner for Patents is a	requested to apply the Isss	ue Fee and Publication F	ce (if any) or to re	-apply any previo	usly paid issue fee to the applicat	ion identified above.
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an	other than the applicant; a	registered attorney or a	agent; or the assignee of	or other party in			
obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	This collection of informat obtain or retain a benefit b application. Confidentiality estimated to take 12 minute completed application form case. Any comments on t suggestions for reducing the Patent and Trademark O 22313-1450. DO NOT SE SEND TO: Commissioner f Under the Paperwork Red	ion is required by 37 CF by the public which is to its governed by 35 U.S.C. es to complete, including a to the USPTO. Time version to the USPTO time you have amount of time you have the amount of time you have the complete. U.S. Department END FEES OR COMPLOY for Patents, Alexandria, Voluction Act of 1995, no	R 1.311. The information file (and by the USPT). 122 and 37 CFR 1.14. 23 gathering, preparing, any ill vary depending upon the require to complete to to the Chief Information of Commerce, Alex. ETED FORMS TO The irginia 22313-1450.	on is required to O to process) an This collection is d submitting the on the individual his form and/or on Officer, U.S. andria, Virginia HIS ADDRESS.			



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APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/818,625	0	3/28/2001	Shinichi Hara	862.C2167	1693
05514	7590	07/11/2003		EXAMIN	IER
FITZPATRIC	K CELLA	HARPER &	SCINTO	ESPLIN, DA	AVID B
NEW YORK, N		LA		ART UNIT	PAPER NUMBER
				2851	
			D.A	ATE MAILED: 07/11/2003	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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30 ROCKEFEL NEW YORK, N		ZΛ		ART UNIT	PAPER NUMBER	
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Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fcc(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Duc" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fec(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.